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MASSACHUSETTS
HISTORICAL SOCIETY
FOUNDED A.D. 1791
SIC VOS NON VOBIS
Bound
October 1962

at
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Ut Fluctus fluctum, sic annus annum trudit.

NEWS from the STARS.

AN ALMANACK

Containing an Account of the *Cœlestial Motions, Aspects*, &c. For the Year of the Christian Empire, 1691.

		Years
And	Of the *World*,	5640.
	Since the *Floud*,	3984.
	Suffering of CHRIST.	1658.
	Planting *Massach. Colony*,	63.
	Founding of Harvard *Colledge*,	49.
	From *Leap-Year*,	3.

Whose *Vulgar Notes* be,

Cycle of the ☽	1.	*Dominic. Let.*	D.
Epact.	11.	*Roman Indict.*	14.
Cycle of the ☉	20.	*Number of Direct*	22

Respecting the Meridian of *Boston*, in *New-England*, whose Latitude is, 42 *d.* 30. *min.* Longitude, 315. *Deg.*

By *Henry Newman*, Philomath.

Printed by *R. Pierce* for *Benjamin Harris* at the *London Coffee-House* in *Boston*, 1691.

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JANUARY hath 31 Daves.

N.		Spring Tides, &c.	☊ ☉ S	☉ pl.	☾ place.
1	5	Spr. *Tides* rise. *Wind*	7 26 5	21 49	*Gem.*
2	6	bringing *snow* or *rain*	7 25 5	22 51	
3	7	*high Tides* ☉ Perig.	7 25 5	23 52	*Canc.*
4	D	cold, wet *Weather*,	7 24 5	24 53	
5	2	*cloudy.* □ ♄ ☾	7 23 5	25 54	*Leo*
6	3		7 22 5	26 55	
7	4	*windy.* clearing the	7 22 5	27 56	*Virgo*
8	5	Air.	7 21 5	28 58	
9	6		7 19 5	29 59	*Libr.*
10	7	Sun enters *Aquar.*	7 18 5	01 00	
11	D		7 17 5	02 01	*Scorp*
12	2	*cloudy.* h ☽	7 16 5	03 02	
13	3	*wet*; perhaps *Snow.*	7 15 5	04 03	
14	4	Air *clearing.*	7 14 5	05 04	*Sagit*
15	5	*cold.*	7 13 5	06 05	
16	6		7 12 5	07 06	*Capr.*
17	7	*Lun.* Apog.	7 11 5	08 07	
18	D	*Lun.* in *airy* sign *windy*	7 09 5	09 08	
19	2	wet & *Snowy.*	7 08 5	10 09	*Aqua*
20	3		7 07 5	11 10	
21	4	*Lun.* in wet sign, or	7 06 5	12 11	*Pisces*
22	5	*Rain.*	7 05 5	13 12	
23	6		7 04 5	14 13	
24	7		7 02 5	15 14	*Aries*
25	D		7 01 5	16 15	
26	2	cold and cloudy.	7 00 5	17 15	*Taur.*
27	3		6 59 6	18 16	
28	4		6 58 6	19 17	*Gem.*
29	5		6 56 6	20 18	
30	6		6 55 6	21 18	*Canc*
31	7	Moon *wet sign.* ☾ *peri.*	6 54 6	22 20	

JANUARY hath 31 Dayes.

Full Moon 4 day 10 min past 7 morn.
Last quart. 11 day 25 min. past 2 morn.
New Moon 19 day 38 min, past 5 morn.
First quart. 27 day 31 min past 2 morn.

Of Telescopes.

The Telescope or great Prospective Glass was invented in the beginning of this Age, it is now made 20, 30, and unto 60, or 80 foot long, whereby Objects at great distance are clearly and more distinctly seen and discovered; matters hereafter mentioned, appear but as Objects of 60 or 70 Leagues distant. It hath been observed, that all the Planets and Stars, excepting the Sun are so many *Opaque* and *Dense Bodies*, without any light whatever, but only what they borrow of the Sun 2. That every one of the Planets, except the Sun, change their Faces like the Moon; that each of these Planets, except the Sun, have Spots in their Superficies, just as the Moon hath, and of the same kind of blackness; there is discovered new Stars in the Firmament, the which having appeared a certain time, do so decrease of their bigness, that they cannot any longer be discerned and then afterwards, after the revolution of Months, Years or Ages, do appear again as if they were newly come into Being. *This Prospective discovers to us in the Heavens, a far greater number of Stars than we can discern with the naked Eye. It discovers to us in the Pleiades, in a Circle of one degree of Diameter, which encompasseth them, the number of 46 Stars, whereas we can perceive but six, the seventh having disappeared a long time agone.*

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FEBRUARY hath 28 Dayes

M.	W.	spr. tides rise	Weather	R	O	S	O	pl	☽	pl.
1	D			6	26	23	20			*Leo*
2	2	High Tides		6	06	24	20			
3	3	*cloudy Moon* ♍		6	48	6	2	21		*Virgo*
4	4	& perhaps very cold		6	47	6	20	2		
5	5	and windy *about this*		6	47	6	27	22		*Libra*
6	6	*time.*		6	46	6	28	23		
7	7	Snow, *and* raw.		6	44	6	29	23		
8	D	Sun enters *Piſces.*		6	42	6	00	24		*Scorp*
9	2	Moon in wet ſign		6	40	6	01	2		
10	3			6	39	6	02	25		*Sagit*
11	4	Serene		6	37	6	03	25		
12	5			6	37	6	04	26		*Capri*
13	6	Moon *Apog.*		6	36	6	0	2		
14	7			6	3	6	06	2		
1	D	*windy.*		6	34	6	07	2		*Aqu.*
16	2			6	32	6	08	27		
17	3	*wet, Rain,* or *Snow,*		6	30	6	09	2		*Piſces*
18	4			6	29	6	10	27		
19	5	Moon ☊		6	28	6	11	27		*Aries*
20	6			6	27	6	12	27		
21	7			6	26	6	13	27		
22	D	*clear.*		6	24	6	14	27		*Taur.*
23	2	cold		6	22	6	15	27		
24	3	*cloudy.*		6	20	6	16	27		*Gem.*
25	4	Windy		6	19	6	17	27		
26	5	Wet		6	17	6	18	27		
27	6			6	16	6	19	27		*Canc.*
28	7	Lun. *perig.*	wet ſign	6	14	6	20	26		

Full Moon 2 day 24 min paſt 5 night.
Laſt quart. 9 day 39 min. paſt 7 night.
New Moon 17 day 38 min paſt 11 night.
Firſt quart. 25 day 9 min. paſt 1 Aftern.

Of what has been obſerved in the Sun.

There has been obſerved upon the Convexity of the Body of the Sun, black Spots which are moveable, variable, and ſubject to change, and which do move regularly towards the Weſt finiſhing their Revolution in twenty ſix or twenty ſeven days. Theſe Spots are Evaporations which riſe from the Body of the Sun, after the manner of Vapours ariſing from the Earth, & forming themſelves into Clouds; which doth appear, inaſmuch as theſe Spots are always changeable in their form, bulk, and configuration.

This Month on the Seventeenth Day the SUN will be ECCLIPSED, but will not be viſible to us, it having been ſet a conſiderable timebefore it's Celebration.

MARCH hath 31 Daves.

M	W.	Spring Tides, &c.	R ☉	S ☉	pl. ☾	place
1	D	*clear & very cold.*	6 13	6 21	♓	*Leo*
2	2		6 11	6 22	24	
3	3	*perhaps windy.* ☉ ♈	6 10	6 23	24	*Virgo*
4	4		6 09	6 24	24	
5	5	*Cold & Blustering.*	6 07	6 25	23	*Libr.*
6	6		6 05	6 26	23	
7	7	Moon in *wet sign.*	6 04	6 27	22	*Scorp*
8	D	*a Storm, perhaps*	6 03	6 28	22	
9	2	*cloudy.*	6 01	6 29	21	*Sagit*
10	3		6 00	6 ♈	21	
11	4		5 59	7 01	20	
12	5	*Cold*	5 57	7 02	19	*Capr.*
13	6		5 56	7 03	19	
14	7	Moon Apogeon.	5 55	7 04	18	*Aqua*
15	D		5 53	7 05	17	
16	2	*Cold.*	5 52	7 06	16	
17	3	Mooon *wet sign.*	5 50	7 07	16	*Pisces*
18	4	Moon ☊	5 48	7 08	15	
19	5		5 46	7 09	14	*Aries*
20	6		5 44	7 10	13	
21	7		5 43	7 11	12	*Taur.*
22	D		5 41	7 12	11	
23	2	Spting Tides rise.	5 40	7 13	10	
24	3	*Cold and Snow*	5 39	7 14	09	*Gem.*
25	4	*perhaps Stormy.*	5 38	7 15	08	
26	5		5 37	7 16	06	*Canc*
27	6		5 36	7 17	05	
28	7	Moon Perigeon.	5 34	7 18	04	*Leo*
29	D	*Snow*	5 33	7 19	03	
30	2	Moon ☊	5 31	7 20	02	*Virgo*
31	3		5 30	7 21	00	

MARCH hath 31 Dayes.

Full Moon 4 day 55 min paſt 3 morn.
Laſt quart. 11 day 00 min. paſt 2 aftern.
New Moon 19 day 24 min. paſt 3 aftern.
Firſt quart. 26 day 06 min. paſt 9 night.

Of what hath been obſerved in the Moon.

Beſides what is commonly to be ſeen in the Moon by the naked Eye, the Lucid parts of her Body are Rugged and Protuberant, and as ſome conjecture, is like the Earth; and the reſt which conſiſts in Spots, reſembles the Sea, Alſo that the Surface of this Planet is ſet all over with certain round hollows like Pits or Wells, of ſeveral Magnitudes, that in her Eclipſe, when it is Eclipſed a fingers breadth or two, to the Naked Eye it is not at all Eclipſed if you look on it with the Teleſcope; and when it is quite freed from the Eclipſe in the Teleſcope, it yet appears to be Eclipſed a Finger or two's breadth to the naked Eye; although the Moon being low near the *Horizon*, appears greater unto the naked Eye, and being mounted towards the *Zenith* appears leſs; it is found, that when its Viſual Diameter comes to be meaſured in both theſe places, the quite contrary doth appear; to wit, that ſhe is leſs when ſhe is low near the *Horizon*, and greater when ſhe is mounted towards the *Zenith*.

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MARCH hath 31 Dayes.
APRIL hath 30 Dayes.

M.	W.	Spr. tides rise Weather	R	☉	S	O	pl.	☽	pl.
1	4	Moon *in aiery sign.*	5	28	7	21	♈		*Libra*
2	5		5	27	7	22	57		
3	6		5	26	7	23	56		*Scorp*
4	7	*Cloudy & Snow.*	5	24	7	24	55		
5	D	*Raw Weather.*	5	23	7	25	53		
6	2		5	22	7	26	52		*Sagit*
7	3		5	20	7	27	50		
8	4		5	18	7	28	48		*Capri*
9	5	Moon Apogeon	5	17	7	29	47		
10	6		5	16	7	00	45		*Aqu.*
11	7		5	15	7	01	43		
12	D	*Perhaps Snow.*	5	14	7	02	42		
13	2	Moon ☊	5	13	7	03	40		*Pisces*
14	3		5	11	7	04	38		
15	4	*Not very cold.*	5	10	7	05	36		*Aries*
16	5		5	09	7	06	34		
17	6		5	07	7	07	33		*Taur.*
18	7		5	06	7	08	31		
19	D	*Cold & Blustering.*	5	04	7	09	29		*Gem.*
20	2		5	03	7	10	27		
21	3	*Tides begin to rise.*	5	02	7	11	25		
22	4	Moon in wet sign.	5	01	7	12	23		*Canc.*
23	5		5	00	7	13	21		
24	6	*Moon* Perigeon.	4	59	8	14	19		*Leo*
25	7	Tides fall.	4	57	8	15	16		
26	D	*perhaps Rain*	4	56	8	16	14		*Virgo*
27	2	*Moon* ☋	4	55	8	17	12		
28	3		4	54	8	18	10		*Libra*
29	4		4	53	8	19	08		
30	5	Fair Weather.	4	52	8	20	05		

A P R I L hath 30 Days

Full Mooon 2 day 12 min. paſt 3 Aftern.
Laſt quart. 10 day 35 min. paſt 3 morn.
New Moon 18 day 10 min. paſt 5 morn.
Firſt quart. 25 day 34 min. paſt 2 morn.

Of what hath been diſcovered in Saturn

This Planet *Saturn*, we diſcover that it is compoſed of two parts, and that indeed it is round in reſpect of its Body, but doth beſides conſiſt of a Ring, which is Luminous by means of the enlightning of the Sun, as Saturn himſelf is Luminous by the ſame means; which Ring encompaſſeth him all round after the ſame manner that the *Horizon* of our Artificial Globes encompaſſeth their Globes, and is flat upon the Verge as they be; upon certain Occurrences and Times this Ring diſappears. Beſides there is farther obſerved in this Planet a little moon, which like the Satellites of *Jupiter* continually runs round his Body, and finiſheth their courſe in the ſpace of fifteen days thirteen minutes.

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M A Y hath 31 Dayes.

M.	W.	Spring Tides, &c.	*R* ☉	*S* ☉	pl. ☾	pla.
1	6	*cool cloudy.*	4 51	8	21 00	*Scorp.*
2	7	*Windy*	4 50	8	22 01	
3	D		4 49	8	22 58	*Sagit*
4	2	*Warm.*	4 48	8	23 56	
5	3		4 47	8	24 54	*Capri*
6	4		4 46	8	24 51	
7	5	☽ Apogæon	4 45	8	25 49	
8	6		4 44	8	26 46	*Aqua*
9	7	*Raw Weather.*	4 43	8	27 44	
10	D	*Moon in wet sign.*	4 42	8	28 41	*Piſces*
11	2	☌ ♉ Sol enters *Gem.*	4 41	8	29 39	
12	3	*warm and moiſt.*	4 40	8	00 36	
13	4		4 39	8	01 34	*Aries*
14	5	C. Elect. *Hartford.*	4 39	8	02 32	
15	6		4 38	8	03 29	*Taur.*
16	7	*cloudy and rain.*	4 37	8	04 26	
17	D		4 36	8	05 23	
18	2	*Tides riſe prety high.*	4 35	8	06 21	*Gem.*
19	3		4 34	8	07 18	
20	4	Co. Elect. *Boſton.*	4 33	8	08 16	*Canc*
21	5	☽ Perig.	4 33	8	09 13	
22	6	☽ ☊ *Tides fall.*	4 32	8	10 10	*Leo*
23	7		4 31	8	11 07	
24	D		4 31	8	12 05	
25	2		4 30	8	13 02	*Virgo*
26	3	*Hot and it may be*	4 30	8	14 59	
27	4	*Thunder.*	4 29	8	15 56	*Libra*
28	5		4 29	8	16 53	
29	6		4 28	8	17 51	*Scorp.*
30	7	*curious weather.*	4 28	8	18 48	
			4 28	8	19 45	*Sagit*

M A Y hath 31 Days.

Full Moon 2 day 42 min paſt 3 morn.
Laſt quart. 10 day 7 min. paſt 1 morn.
New Moon 17 day 59 min. paſt 1 Aſtern.
Firſt quart. 25 day 20 min. paſt 5 morn.
Full Moon 31 day 14 min. paſt 3 Aſtern.

Of what hath been obſerved in the Planet Jupiter.

There is obſerved in the Face of *Jupiter*, and overthwart his luminous part, three darkiſh Belts, like unto the Spots which appear in the Moon; Theſe Belts ſhew themſelves all ſtreight and parallel, and extend from *Eaſt* to *Weſt*, near after the manner of the Ecliptick. Moreover this Planet hath four little Stars or moons, which are not viſible unto the naked Eye, which do continually move round his Body, and which do riſe in the Eaſt of him, and ſet to the Weſt. Theſe four wonderful little Stars are called the Satellites, or the Guards of this Planet; they are diverſly diſtant from *Jupiter*, and thoſe nearest his Body finiſh the Revolutions with greater expedition than thoſe that are fartheſt off, theſe Satellites do give a ſhadow upon the Body of *Jupiter*, when they are found interpoſed betwixt the Sun and him.

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JUNE hath 30 Dayes.

M.	W.	Spr. Tides rise. &c.	☊	☉	☋	☽ pl.	☿ pl.	
1	2		4	28	8	20	37	*Sagit*
2	3	*Moon Apoge*	4	27	8	21	39	*Capri*
3	4	Co Elect. *Plimouth.*	4	27	8	22	36	
4	5	*Moon in aiery sign*	4	27	8	23	33	*Aqu.*
5	6		4	27	8	24	31	
6	7		4	27	8	25	28	
7	D	Moon ♉	4	26	8	26	25	*Pisces*
8	2		4	26	8	27	22	
9	3		4	26	8	28	19	*Aries*
10	4	*very hot.*	4	26	8	29	16	
11	5	*Sun enters Cancer.*	4	26	8	30	13	
12	6	*Rain.*	4	26	8	01	10	*Taur.*
13	7		4	26	8	02	07	
14	D		4	26	8	03	04	*Gem.*
15	2	*Tides very high.*	4	26	8	04	02	
16	3	Moon in wet sign.	4	27	8	04	59	*Cane.*
17	4	Moon Perig.	4	27	8	05	56	
18	5	*cloudy.*	4	27	8	06	53	*Leo*
19	6	Tides fall.	4	27	8	07	50	
20	7	*Moon* ☌	4	28	8	08	47	*Virgo*
21	D		4	28	7	09	44	
22	2		4	28	8	10	41	*Libra*
23	3		4	28	8	11	38	
24	4	Moon in wet sign	4	28	8	12	35	*Scorp*
25	5		4	29	8	13	33	
26	6		4	29	8	14	30	
27	7		4	30	8	15	27	*Sagit*
28	D	*cloudy, it may Thund*	4	31	8	16	24	
29	2		4	31	8	17	21	*Capr.*
30	3		4	32	8	18	18	

Laſt quart. 8 day 16 min. paſt 6 aftern.
New Moon 15 day 8 min paſt 10 night.
Firſt quart. 22 day 54 min paſt 11 before noon
Full Moon 30 day 55 min paſt 5 morn.

Of what hath been obſerved in the Planet Mars.

Mars doth move upon his Center and upon his Ax under the Eaſt, towards the Weſt, and with a Direction very like that of the Ecliptick, that is about twenty four hours forty minutes each Revolution; the which he diſcover'd by means of two notable inherent movable Spots upon the Superficies of this Planet, do both finiſh their Courſe in the ſame ſpace of time. *Mars* in his Oppoſition doth always appear round; but when he is betwixt the Conjunction and Oppoſition, he appears in a Curvy Line Figure; like the Moon when ſhe is near her Oppoſition.

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JULY hath 31 Dayes.

M	W.	Spring Tides, &c.	R ☉ S	☉ pl.	☾ pla.
1	4	*Commencement.*	4 32 8	19 00	*Aqua*
2	5	Moon Apogæon.	4 32 8	20 12	
3	6		4 34 8	21 10	
4	7	Moon ♌	4 34 8	22 0	*Pisces*
5	D		4 35 8	23 04	
6	2	*Fair clear weather.*	4 36 8	24 01	*Aries*
7	3		4 37 8	24 58	
8	4		4 37 8	25 55	
9	5		4 38 8	26 5[illegible]	*Taur.*
10	6	*Rain* and *cool.*	4 39 8	27 52	
11	7	*Sun* enters *Leo.*	4 40 8	28 47	*Gem.*
12	D		4 41 8	29 45	
13	2	*Tides very high.*	4 41 8	00 41	*Canc*
14	3		4 43 8	01 8	
15	4	Moon Perigæon.	4 44 8	02 35	*Leo*
16	5		4 45 8	03 32	
17	6	Moon ♍	4 46 8	04 29	*Virgo*
18	7	*Tides decrease.*	4 47 8	05 27	
19	D		4 48 8	06 24	*Libra*
20	2		4 49 8	07 21	
21	3	*Cloudy.*	4 51 8	08 19	*Scorp.*
22	4		4 52 8	09 16	
23	5		4 52 8	10 13	
24	6		4 53 8	11 11	*Sagit*
25	7	*Thunder, great wind.*	4 54 8	12 08	
26	D		4 55 8	13 06	*Capri*
27	2		4 56 8	14 03	
28	3	Moon Apogæon.	4 5[illegible] 8	15 01	
29	4		4 59 8	15 58	*Aqua*
30	5		5 00 8	16 56	
31	6	Moon ♌ *wet sign.*	5 01 8	17 53	*Pisces*

Laſt quart. 8 day 32 min paſt 7 morn.
New moon 15 day 19 min. paſt 5 morn.
Firſt quart. 21 day 13 min. paſt 9 night.
Full moon 29 day 59 min. paſt 8 night.

Of what hath been obſerved in Venus.

This Planet *Venus* appears ſometimes round, ſometimes half round, and ſometimes like a Creſſent. It had Spots upon its Surface juſt as the Moon has; 'tis found by means of theſe Spots, that the motion of this Planet and of its Spots, was made upon its own Center, and upon an Ax which carry'd it from South to North which is a motion wholly unknown in the Heavens; and that this motion was accompliſht in one day.

The twenty fifth of this Month is Celebrated a famous Oppoſition of *Saturn* and *Mars*; one of them is with the Pleiades, and the other in Oppoſition unto that turbulent Conſtellation. Much influencing the Subjects of thoſe two ſigns wherein the Oppoſition is made, *viz.* *Taurus* and *Scorpio*.

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AUGUST hath 31 Dayes.

M.	W	Spr. Tides rise &c.	R	☉	S	O pl.	☾ pl.
1	7		5	02	7	18	7	Pisces
2	D	clear Weather.	5	03	7	19	48	
3	2		5	05	7	20	46	Aries
4	3		5	06	7	21	44	
5	4		5	07	7	22	41	Taur.
6	5	cloudy, perhaps rain.	5	08	7	23	39	
7	6	Tides rise.	5	09	7	24	37	Gem.
8	7		5	11	7	25	34	
9	D		5	12	7	26	32	
10	2	Moon Perig.	5	14	7	27	30	Canc.
11	3		5	15	7	28	28	
12	4	Cloudy.	5	17	7	29	26	Leo
13	5	moon ☋ Sun enters	5	18	7	30	24	
14	6	Tides fall. (Virgo	5	19	7	01	21	Virgo
15	7		5	20	7	02	19	
16	D		5	22	7	03	17	Libra
17	2		5	24	7	04	15	
18	3	Moon wet sign, rain.	5	25	7	05	13	Scorp
19	4	Rain & Thunder.	5	27	7	06	11	
20	5		5	28	7	07	10	Sagit
21	6		5	29	7	08	08	
22	7	Moon Apogæon.	5	30	7	09	06	Capr.
23	D		5	31	7	10	04	
24	2		5	32	7	11	03	
25	3	Moon airy sign.	5	34	7	12	01	Aqu.
26	4		5	35	7	13	59	
27	5	moon ☊	5	37	7	14	57	Pisces
28	6	Clear.	5	39	7	15	55	
29	7		5	41	7	16	54	
30	D		5	42	7	17	52	Aries
31	2		5	43	7	18	51	

Laſt quart. 6 day 6 min. paſt 8 night.
New moon 13 day 20 min paſt 12 noon.
Firſt quart. 20 day 52 min paſt 9 morn.
Full Moon 28 day 46 min. paſt 12 noon.

Of what hath been Obſerved in Mercury.

Hevelius in the year 1644. obſerved that he changed his Face juſt as the Moon and *Venus*; and that he appeared ſometimes round, ſometimes half round, & ſometimes like a Creſſent. The reaſon wherefore this Planet is not diſcerned like the others is, becauſe of his ſmalneſs, and for its being commonly darkned by the Sun Beams.

This Month affords, to ſome of the Earths Inhabitants, a Second Solar Eclipſe, on the thirteenth day a little after noon; But by reaſon of the greatneſs of the Moons Parallax ſhe will appear to us *Southward* of the Sun, in her Conjunction with him, and conſequently not make an Eclipſe to us; but to people inhabiting betwixt the *Tropicks* under or near our *Meridian* will make it great. It is celebrated in one degree of *Virgo*, which according to *Aſtrologers* portends great changes to thoſe that are under that ſign.

SEPTEMBER hath 30 Dayes.

M.	W.	Spring Tides, &c.	R ☉ S	O pl	☾ pl.
1	3		5 44 7	18 00	*Taur.*
2	4	*cloudy it may rain.*	5 45 7	19 48	
3	5		5 47	20 48	
4	6	*Tides rise.*	5 49 7	21 45	*Gem.*
5	7		5 51 7	22 45	
6	D	Moon Perig.	5 52 7	23 42	*Canc*
7	2		5 53 7	24 41	
8	3	*Dry Weather.*	5 54 7	25 39	*Leo*
9	4		5 56 7	26 8	
10	5	Moon ☋ *Tides fall.*	5 57 7	27 37	*Virgo*
11	6		5 58 7	28 36	
12	7		5 9 7	29 35	*Libra*
13	D	*Sun* enters *Libra.*	6 00 6	00 34	
14	2	Moon wet sign.	6 02 6	01 32	*Scorp.*
15	3		6 04 6	02 31	
16	4		6 05 6	03 30	*Sagit*
17	5	*Dry & Windy.*	6 06 6	04 29	
18	6		6 07 6	05 29	
19	7		6 09 6	06 28	*Capri*
20	D		6 11 6	07 27	
21	2	Moon Apoge	6 12 6	08 27	*Aqua*
22	3		6 13 6	09 25	
23	4	☽☌♄	6 15 6	10 25	
24	5		6 16 6	11 24	*Pisces*
25	6	*Hot and moist.*	6 17 6	12 23	
26	7		6 18 6	13 23	*Aries*
27	D		6 19 6	14 22	
28	2		6 20 6	15 21	
29	3	Moon in airy sign.	6 23 6	16 21	
30	4	*Cloudy & moist.*	6 25 6	17 20	*Taur.*

SEPTEMBER hath 30 Days

Laſt quart. 5 day 30 min. paſt 6 morn.
New Moon 1 day 43 min paſt 8 night.
Firſt quart. 19 day 43 min. paſt 1 morn.
Full Moon 27 day 37 min paſt 4 morn.

Of new Stars which appear for a time, and then diſappear at another time.

In the year 1571. the Ninth of *November*, there appeared in the firmament in the Chair of *Caſſiopea*, that notable Star of the firſt Magnitude, which in its Courſe governed it ſelf like the other Stars, it continued ſixteen Months, after which time decreaſing very much, it grew quite inviſible. Nine and Twenty years after, there appeared in the Heavens a new Star of the third Magnitude, in the *Swans* Breaſt, which continued viſible unto the year 1626. and then totally diſappeared. After it had diſappeared, and in the ſpace of thirty three years, to wit, in the year 1659 Mr. *Hevelius* at *Dantzick* obſerved it to appear again in the ſame place where *Kepler* firſt ſaw it, but in the year 1660. it ſeemed plainly to diminiſh, and quite diſappeared ſoon after.

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OCTOBER. hath 31 Dayes.

M.	W.	Spr. Tides rise &c.	R	☉	S	O pl	☾ pl.
1	5	*Tides begin to rise.*	6	26	6	18 20	*Gem.*
2	6		6	28	6	19 20	
3	7		6	29	6	0 20	*Canc.*
4	D	Moon Perigæon.	6	30	6	21 20	
5	2		6	32	6	22 20	*Leo*
6	3	*Perhaps windy.*	6	34	6	23 20	
7	4	Moon ♑	6	5	6	24 18	*Virgo*
8	5	*Tides decrease.*	6	37	6	25 18	
9	6		6	39	6	26 18	
10	7		6	40	6	27 18	*Libra*
11	D		6	41	6	28 18	
12	2	Moon wet sign.	6	4	6	29 18	*Scorp*
13	3	*Sun* enters *Scorpio.*	6	3	6	30 18	
14	4		6	44	6	01 18	*Sagit*
15	5		6	45	6	02 18	
16	6	Moon Apoge.	6	47	6	03 18	*Capr.*
17	7		6	48	6	04 18	
18	D		6	49	6	05 18	
19	2	Moon *in airy sign.*	6	50	6	05 0	*Aqu.*
20	3	Moon ♌	6	51	6	07 20	
21	4		6	53	6	08 20	*Pisces*
22	5	☉☍♃ *Rain &*	6	54	6	09 20	
23	6	*Cloudy.*	6	55	6	10 21	*Aries*
24	7		6	56	6	11 21	
25	D		6	58	6	12 21	
26	2		7	00	7	13 22	*Taur.*
27	3	*Cloudy & Raw.*	7	01	7	14 22	
28	4		7	02	7	15 22	*Gem.*
29	5		7	04	7	15 23	
30	6	*Tides rise.*	7	05	7	17 23	*Canc.*
31	7	*Rain or snow.*	7	07	7	18 24	

Laſt quart. 4 day 12 min. paſt 2 aſtern.
New Moon 11 day 34 min. paſt 8 morn.
Firſt quart. 18 day 39 min paſt 8 night.
Full Moon 26 day 59 min paſt 7 night.

Of the Star in the Whale's *Neck.*

This admirable Star in the *Whale's* Neck. At firſt it appears but of the ſixth Magnitude, then it increaſeth by little and little for an hundred days together, after which time it arrives at its full period and greateſt brightneſs and eminency, which is, to be of the third Magnitude, wherein it continues fifteen days together, then it decreaſeth until it becomes inviſible. It doth appear every year in this greateſt brightneſs thirty two or thirty three days ſooner than the precedent year, and compleats its Revolution in about three hundred and thirty three days.

NOVEMBER hath 30 Dayes.

M	W.	Spring Tides, &c.	R ☉ S	☾ pl.	☾ pla
1	D		7 07 5	19 00	Canc
2	2	*Moon Perig.*	7 08 5	20 25	Leo
3	3	☽ ☌ ☉	7 09 5	21 25	
4	4	*Tides fall.*	7 11 5	22 26	Virgo
5	5	King *William* Land-	7 12 5	23 27	
6	6	ed in *England* 1688	7 13 5	24 28	Libra
7	7	*Cold and Raw.*	7 14 5	25 28	
8	D	*Moon wet sign.*	7 15 5	26 29	Scorp.
9	2	*Windy & Cloudy.*	7 16 5	27 29	
10	3		7 17 5	28 31	Sagit
11	4		7 18 5	29 32	
12	5	Sun *enters* Sagitari.	7 19 5	00 32	Capri
13	6	*Moon* Apogæon.	7 20 5	01 32	
14	7		7 21 5	02 33	
15	D	☽ ☍ ♄	7 22 5	03 35	Aqua
16	2		7 22 5	04 36	
17	3	*Moon wet sign.*	7 23 5	05 37	Pisces
18	4		7 24 5	06 38	
19	5		7 25 5	07 39	
20	6		7 26 5	08 40	Aries
21	7		7 26 5	09 41	
22	D	*Cold.*	7 27 5	10 43	Taur.
23	2		7 27 5	11 44	
24	3	*Cold & snow.*	7 28 5	12 45	
25	4	*Tides rise.*	7 29 5	13 46	Gem.
26	5		7 29 5	14 47	
27	6	*Cloudy.*	7 30 5	15 48	Canc
28	7	*Moon* Perigæon.	7 31 5	16 46	
29	D		7 32 5	17 51	Leo
30	2	☋ *Tides fall.*	7 32 5	18 52	

NOVEMBER hath 30 Dayes.

Laſt quart. 2 day 12 min paſt 9 night.
New moon 9 day 45 min. paſt 7 night.
Firſt quart. 17 day 14 min. paſt 5 Evening.
Full moon 25 day 59 min. paſt 9 morn.

Of other Stars, of which it is very probable that they are new Stars.

There is one of the fourth Magnitude and two of the fifth in *Caſſiopia*, which in all likelihood be new Stars. Moreover there is one of the fourth and one of the fifth Magnitude at the beginning of the Conſtellation of *Eridanus*, of which it is certain they were not there in 1664. Four Stars towards the Artick Pole, which are of the fifth and ſixth magnitude, which the Aſtronomers which have their eyes fixed on this part of the Heavens, would not have omitted to have inſerted in their Catalogues, if they had ever appeared heretofore.

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DECEMBER. hath 31 Dayes.

M.	W.	Spr. Tides rise &c.	☽ ☉ ♑	☽ pl.	☿ pl.	
1	3	Sol *opposeth* Mars.	7 31 5	19 00		*Virgo*
2	4		7 32 5	20 03		
3	5		7 32 5	21 05		*Libra*
4	6	*Warm for the season*	7 3 5	22 57		
5	7	Moon wet sign.	7 33 5	23 58		*Scorp*
6	D		7 33 5	24 59		
7	2		7 34 5	26 00		*Sagit*
8	3	*Clear Weather.*	7 34 5	27 01		
9	4		7 34 5	28 03		
10	5	*Moon Apog.*	7 34 5	29 04		*Capr.*
11	6		7 34 5	00 06		
12	7	Sol *enters* Capricorn	7 34 5	01 07		*Aqu.*
13	D	Moon ☊	7 34 5	02 08		
14	2		7 34 5	03 09		
15	3	*Cool*	7 34 5	04 11		*Pisces*
16	4		7 34 5	05 12		
17	5		7 33 5	06 13		*Aries*
18	6		7 33 5	07 14		
19	7	*cloudy*	7 33 5	08 16		
20	D		7 32 5	09 17		*Taur.*
21	2		7 32 5	10 19		
22	3	*Tides extraord. high.*	7 31 5	11 20		*Gem.*
23	4		7 31 5	12 21		
24	5	*Moon Perig.*	7 30 5	13 23		*Canc.*
25	6		7 29 5	14 24		
26	7	*The Tides lower.*	7 29 5	15 24		*Leo*
27	D	*Moon* ☌	7 28 5	16 26		
28	2		7 28 5	15 28		*Virgo*
29	3		7 27 5	18 29		
30	4	*Moon* in aiery sign.	7 27 5	19 30		*Libra*
31	5		7 29 5	20 32		

DECEMBER hath 31 Days

Laſt quart. 2 day 24 min. paſt 4 morn.
New Moon 9 day 21 min. paſt 9 morn.
Firſt quart. 17 day 13 min. paſt 2 Aftern.
Full Moon 25 day 39 min paſt 10 night.
Laſt quart. 31 day 59 min. paſt 11 morn.

Of Stars which have appeared heretofore, and now diſappear.

Time out of mind there has ſeven Stars bin obſerved in the pleiades, and at Preſent there is to be ſeen but ſix, a very probable ſign that one of them is retired and become inviſible. One of theſe of the Conſtellation of the *Little Bear*, which was formerly viſible, doth not now appear. Another alſo in the Conſtellation of *Andromeda* hath alſo diſappeared.

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